

## ABSTRACT

The invention relates to a special amino acid mixture for hemodialysis as well as to the dialysis solution that can be prepared from the amino acid mixture. When the amino acid mixtures according to the invention are used for such purposes, the "shrinking men" phenomenon can be prevented. The present invention also relates to a hemodialysis process and apparatus. This aspect of the invention provides a closed dialysis system with a dialyzer solution containing the amino acid mixtures according to the invention.